On page 45, line 6 delete figures "5A" and substitute therefore -- Figures 5A and 7A --.

On page 45, line 6 delete SEQ ID NO: 27 and substitute therefore -- SEQ ID NOS:27 and 121--.

On page 45, line 23 delete "5A" and substitute therefore -- 7A --.

On page 45, line 24 delete "5A" and substitute therefore -- 7A --.

On page 45, line 25 delete "5A" and substitute therefore -- 7A --.

On page 46, line 3 delete "sequence" and substitute therefore -- sequences --.

on page 46, line 4, after "SEQ ID NO:27" insert -- Figures 7A, SEQ ID NO: 121 --.

On page 47, line 27 delete "5A", and substitute therefore -- 7A --.

On page 47, line 28 delete "5A", and substitute therefore -- 7A --.

On page 47, line 29 delete "5A", and substitute therefore -- 7A --.

On page 47, line 31 delete "5A", and substitute therefore -- 7A --.

On page 47, line 34 after "X_1 X_2 X_3 GQ4WQX$_4$", please insert -- (SEQ ID NO:123) --.

On page 48, line 24 after "G9-154-2I", please insert -- (SEQ ID NO:70) --.

On page 48, line 27 after "X_1 X_2 X_3 QVPFSX$_4$", please insert -- (SEQ ID NO:) --.

On page 53, lines 26-27, after "SEQ ID NO:27", please insert -- Figures 7A SEQ ID NO: 121--.

On page 107, Table 14 after "ALGIGILTV", please insert -- (SEQ ID NO:50) --.

On page 107, Table 14 after "AMGIGILTV", please insert -- (SEQ ID NO:51) --.

On page 107, Table 14 after "AIGIGILTV", please insert -- (SEQ ID NO:52) --.

On page 107, Table 14 after "WAGIGILTV", please insert -- (SEQ ID NO:53) --.

On page 107, Table 14 after "FAGIGILTV", please insert -- (SEQ ID NO:54) --.

On page 107, Table 14 after "YAGIGILTV", please insert -- (SEQ ID NO:55) --.

On page 107, Table 14 after "AAWIGILTV", please insert -- (SEQ ID NO:56) --.

On page 107, Table 14 after "AAFIGILTV", please insert -- (SEQ ID NO:57) --.

On page 107, Table 14 after "AAYIGILTV", please insert -- (SEQ ID NO:58) --.

On page 107, Table 14 after "KLGIGILTV", please insert -- (SEQ ID NO:59) --.

On page 107, Table 14 after "KMGIGILTV", please insert -- (SEQ ID NO:60) --.

On page 107, Table 14 after "KIGIGILTV", please insert -- (SEQ ID NO:61) --.

On page 107, Table 14 after "WLGIGILTV", please insert -- (SEQ ID NO:62) --.

On page 107, Table 14 after "FLGIGILTV", please insert -- (SEQ ID NO:63) --.

On page 107, Table 14 after "YLGIGILTV", please insert -- (SEQ ID NO:64) --.

On page 107, Table 14 after "ALWIGILTV", please insert -- (SEQ ID NO:65) --.

On page 107, Table 14 after "ALFIGILTV", please insert -- (SEQ ID NO:66) --.

On page 107, Table 14 after "ALYIGILTV", please insert -- (SEQ ID NO:67) --.

On page 108, Table 15 after "KLWGQYWQV", please insert -- (SEQ ID NO:68) --.

On page 108, Table 15 after "KMWGQYWQV", please insert -- (SEQ ID NO:69) --.

On page 108, Table 15 after "KIWGQYWQV", please insert -- (SEQ ID NO:70) --.

On page 108, Table 15 after "WTWGQYWQV", please insert -- (SEQ ID NO:71) --.

On page 108, Table 15 after "FTWGQYWQV", please insert -- (SEQ ID NO:72) --.

On page 108, Table 15 after "YTWGQYWQV", please insert -- (SEQ ID NO:73) --.

On page 108, Table 15 after "ATWGQYWQV", please insert -- (SEQ ID NO:74) --.

On page 108, Table 15 after "LTWGQYWQV", please insert -- (SEQ ID NO:75) --.

On page 108, Table 15 after "KTYGQYWQV", please insert -- (SEQ ID NO:76) --.

On page 108, Table 15 after "KTFGQYWQV", please insert -- (SEQ ID NO:77) --.

On page 108, Table 15 after "ALWGQYWQV", please insert -- (SEQ ID NO:78) --.

On page 108, Table 15 after "LLWGQYWQV", please insert -- (SEQ ID NO:79) --.

On page 108, Table 15 after "WLWGQYWQV", please insert -- (SEQ ID NO:80) --.

On page 108, Table 15 after "FLWGQYWQV", please insert -- (SEQ ID NO:81) --.

On page 108, Table 15 after "YLWGQYWQV", please insert -- (SEQ ID NO:82) --.

On page 109, Table 16 after "ILDQVPFSV", please insert -- (SEQ ID NO:83) --.

On page 109, Table 16 after "IMDQVPFSV", please insert -- (SEQ ID NO:84) --.

On page 109, Table 16 after "IIDQVPFSV", please insert -- (SEQ ID NO:85) --.

On page 109, Table 16 after "FTDQVPFSV", please insert -- (SEQ ID NO:86) --.

On page 109, Table 16 after "WTDQVPFSV", please insert -- (SEQ ID NO:87) --.

On page 109, Table 16 after "YTDQVPFSV", please insert -- (SEQ ID NO:88) --.

On page 109, Table 16 after "ITWQVPFSV", please insert -- (SEQ ID NO:89) --.

On page 109, Table 16 after "ITFQVPFSV", please insert -- (SEQ ID NO:90) --.

On page 109, Table 16 after "ITYQVPFSV", please insert -- (SEQ ID NO:91) --.

On page 109, Table 16 after "ITAQVPFSV", please insert -- (SEQ ID NO:92) --.

On page 109, Table 16 after "ITMQVPFSV", please insert -- (SEQ ID NO:93) --.

On page 109, Table 16 after "ITSQVPFSV", please insert -- (SEQ ID NO:94) --.

On page 109, Table 16 after "ILWQVPFSV", please insert -- (SEQ ID NO:95) --.

On page 109, Table 16 after "ILFQVPFSV", please insert -- (SEQ ID NO:96) --.

On page 109, Table 16 after "ILYQVPFSV", please insert -- (SEQ ID NO:97) --.

On page 109, Table 16 after "ILAQVPFSV", please insert -- (SEQ ID NO:98) --.

On page 109, Table 16 after "ILMQVPFSV", please insert -- (SEQ ID NO:99) --.

On page 109, Table 16 after "ILSQVPFSV", please insert -- (SEQ ID NO:100) --.

On page 109, Table 16 after "WLDQVPFSV", please insert -- (SEQ ID NO:101) --.

On page 109, Table 16 after "FLDQVPFSV", please insert -- (SEQ ID NO:102) --.

On page 109, Table 16 after "YLDQVPFSV", please insert -- (SEQ ID NO:103) --.

On page 110, Table 17 after "YLEPGPVTV", please insert -- (SEQ ID NO:104) --.

On page 110, Table 17 after "YLEPGPVTL", please insert -- (SEQ ID NO:105) --.

On page 110, Table 17 after "YLEPGPVTI", please insert -- (SEQ ID NO:106) --.

On page 110, Table 17 after "FLEPGPVTA", please insert -- (SEQ ID NO:107) --.

On page 110, Table 17 after "WLEPGPVTA", please insert -- (SEQ ID NO:108) --.

On page 110, Table 17 after "YLYPGPVTA", please insert -- (SEQ ID NO:109) --.

On page 110, Table 17 after "YLWPGPVTA", please insert -- (SEQ ID NO:110) --.

On page 110, Table 17 after "YLFPGPVTA", please insert -- (SEQ ID NO:111) --.

On page 110, Table 17 after "YLMPGPVTA", please insert -- (SEQ ID NO:112) --.

On page 110, Table 17 after "YLSPGPVTA", please insert -- (SEQ ID NO:113) --.

On page 110, Table 17 after "YLAPGPVTA", please insert -- (SEQ ID NO:114) --.

On page 110, Table 17 after "YLMPGPVTV", please insert -- (SEQ ID NO:115) --.